



### High-quality, highly reliable A/V connectivity

The Avocent Emurge EMS 1000 media streamers distribute stereo audio and high-resolution analog video from a single source to one or more destinations up to 600 feet over CAT-5 cabling. No special software or operating system support is required. Just connect the EMS 1000 media streamer hardware, and this A/V distribution solution is fully functional.

The Emurge EMS 1000P media streamer consists of a transmitter and receiver pair and is designed for point-to-point applications. The transmitter is located at the source of the multimedia content while the receiver connects directly into the output device, which can include a plasma screen, projector or monitor.

For applications that require more than a single output, the Emurge EMS 1000T/R media streamer solution consists of a transmitter and up to 16 receivers. The transmitter is located at the source of the multimedia content and will distribute the same signal to each receiver. At the destination points, the receivers will connect directly into the output devices (such as plasma screens, projectors or monitors).

The Emurge EMS 1000 solutions take advantage of CAT-5 cabling to get the message from source to destination up to 600 feet apart. The Emurge EMS 1000 media streamer design guarantees highly reliable transport of high-quality audio and video. With support for full-screen, full-motion video and high-fidelity stereo audio, high-impact content is delivered to the right place at the right time.

#### EMS 1000P Media Streamer (transmitter and receiver are sold as a pair)



EMS 1000P Transmitter



EMS 1000P Receiver

#### EMS 1000T/R Media Streamer (transmitter and receiver are sold separately)



EMS 1000 Transmitter



EMS 1000 Receiver

### Benefits

- **Plug-and-Play Solution.** There is no special software to install
- **High Quality, Highly Reliable.** The media streamer provides audio and video connectivity at a low price without loss of quality and reliability
- **High Fidelity.** Digital stereo audio gives high intelligibility
- **Streaming Video over CAT-5.** CAT-5 cabling provides cost-effective wiring
- **Audio-Video Extension.** Supports up to WXGA (1600x1200) resolution at 600 feet
- **Picture Quality.** Includes independent sharpness and brightness controls to optimize picture quality
- **Stutter-Free Playback.** Full-screen, full-motion video support provides stutter-free playback
- **Spike Suppression.** Advanced, spike-suppression circuits protect your investment
- **Daisy Chain Extension Port.** Extension port on each receiver reduces home run cabling costs (EMS 1000T/R media streamer only)
- **Video Splitter.** Dual VGA and audio output on the receiver (EMS1000P media streamer only)
- **DDC Support.** Automatically identifies the maximum display resolution

# Emerge EMS 1000P and EMS 1000T/R Media Streamer Specifications

## Mechanical

**Size:** 3.74 in. (95 mm) D, 3.85 in. (98 mm) W, 1.04 in. (25 mm) H

**Weight:** 2.5 lbs. (1.13 kg)

## Environmental

**Operating Temperature:** 32° to 104°F (0° to 40°C)

**Humidity:** 5% to 60% (non-condensing)

## Power

**Operating Voltage:** I12VDC @ 1A from supplied 100-240 VAC 50/60 Hz switching power supply

## Transmitter Inputs

**Computer Video Signals:** Mini D-Sub 15 pin socket connector  
Up to 60 Hz vertical refresh

**Video Signals:** VGA (640x480), XGA (1024x768), WXGA (1366x768), UXGA (1600x1200)

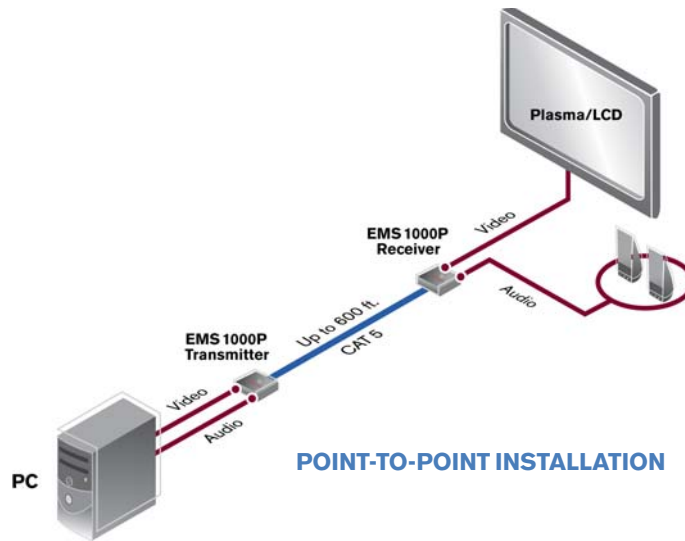
**Audio:** Stereo mini jack

## Transmitter Inputs

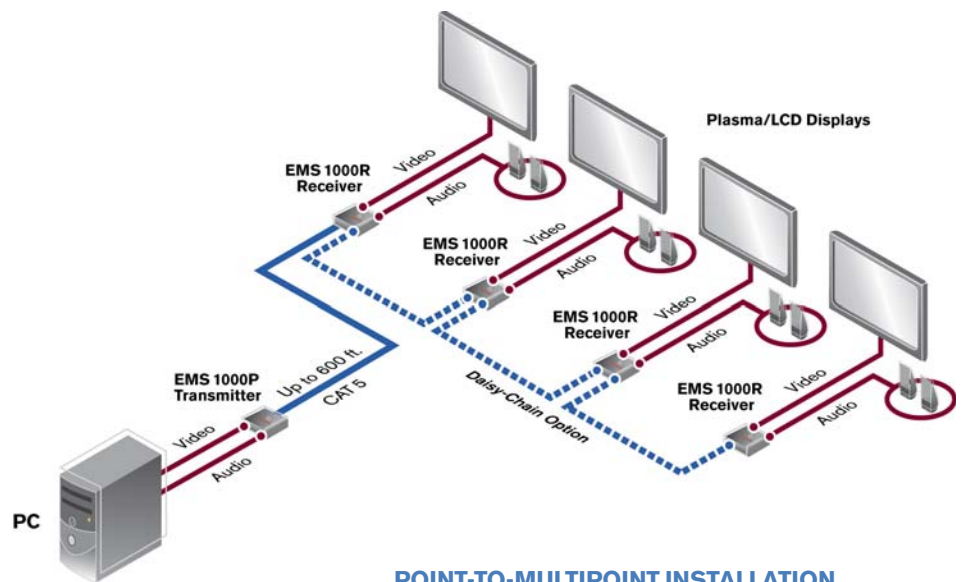
Point to point - EMS 1000P media streamer  
Point to multipoint - EMS 1000T/R media streamer

## Warranty

2 years



**POINT-TO-POINT INSTALLATION**



**POINT-TO-MULTIPOINT INSTALLATION**

Part #	Description
<b>Ordering Details for EMS 1000 Media Streamers</b>	
EMS1000T- XXX*	Emerge EMS 1000 media streamer point-to-multipoint transmitter CAT-5
EMS1000R- XXX*	Emerge EMS 1000 media streamer point-to-multipoint receiver CAT-5
EMS1000P- XXX*	Emerge EMS 1000 media streamer point-to-point CAT-5 transmitter and receiver pair
EMS-PSU4- XXX*	EMS 1000 power supply with 1 to 4 splitter

*\*Note - Actual part numbers end with country-specific product codes (example -001 for North America)*